Pace Analytical®
New Orleans Laboratory

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
Saint Rose, LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

December 27, 2006

Luis Vega
EA Engineering,Science &Tech
405 S Highway 121
Building C Suite 100
Lewisville, TX 75067

RE: Project: 2064973
RE: Project ID: Gulfco Marine Superfund Site

Dear Luis Vega:

Enclosed are the analytical results for sample(s) received by the laboratory on December 08, 2006. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

William R. Shackelford

Randy Shackelford

ACCREDITED IN ACCORDANCE WITH nelac

REPORT OF LABORATORY ANALYSIS

9425285

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

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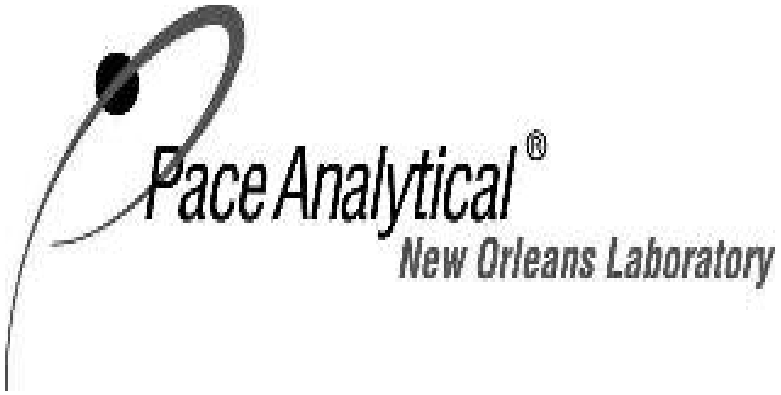

Report of Laboratory Analysis

Project Number: 2064973

Sample Cross Reference Report

Pace Analytical Services, Inc.
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Phone: 504.469.0333
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LELAP # 02006

Client: EA Engineering,Science &Tech

Project: Gulfco Marine Superfund Site

Project No.: 2064973

Sample ID	Lab ID	Matrix	Collection Date/Time		Received Date/Time	
2WSED4	20489229	Soil	12/06/2006	12:08	12/08/2006	10:00
2WSED15	20489230	Soil	12/06/2006	11:45	12/08/2006	10:00

12/27/2006 15:16:41

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Project: 2064973

Analytical Method	Batch	Sample used for QC
EPA 8081	79329	Batch sample from another client
EPA 8082	79737	Batch sample from another client
EPA 6010	79791	Batch sample from another client
EPA 7471	79792	Batch sample from another client
EPA 8270	79654	Batch sample from another client
EPA 8260	79997	Project sample 2WSED4

For the sample used as the original for the DUP or MS/MSD for the batch:

Project sample means a sample from this project was used.
Client sample means a sample from the same client but in a different project was used.
Batch sample means a sample from the a different client was used.

Project Narrative

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Project: 2064973

Sample Receipt Condition:

All samples were received in accordance with EPA protocol.

Holding Times:

All holding times were met.

Blanks:

The following blank results were above reporting limits:

Batch 79997 sample 20490292 Acetone

Laboratory Control Samples:

LCS recoveries outside of QC limits are qualified in the Report of Quality Control section.

Matrix Spikes and Duplicates:

MS or MSD recoveries outside of QC limits are qualified in the Report of Quality Control section.

Surrogates:

Surrogate recoveries outside of QC limits are qualified in the surrogate results section.

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Client: EA Engineering,Science &Tech

Client ID: 2WSED4 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489229 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79997

Method: 8260 VOAs Low Soil **Units:** ug/kg **Target List:** 8260_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/14/06 **Analyzed:** 12/14/06 12:49 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
67-64-1	Acetone	1	48.6	A11,B	5.10	10.0	
107-02-8	Acrolein	1	ND		9.95	20.0	
107-13-1	Acrylonitrile	1	ND		3.01	20.0	
71-43-2	Benzene	1	ND		0.116	5.00	
108-86-1	Bromobenzene	1	ND		0.160	5.00	
75-27-4	Bromodichloromethane	1	ND		0.155	5.00	
75-25-2	Bromoform	1	ND		0.228	5.00	
74-83-9	Bromomethane	1	ND		0.840	5.00	
78-93-3	2-Butanone (MEK)	1	6.77	J A11	1.74	10.0	
104-51-8	n-Butylbenzene	1	ND		0.0649	5.00	
135-98-8	sec-Butylbenzene	1	ND		0.0886	5.00	
98-06-6	tert-Butylbenzene	1	ND		0.0819	5.00	
75-15-0	Carbon disulfide	1	1.94	J	0.0711	5.00	
56-23-5	Carbon tetrachloride	1	ND		0.109	5.00	
108-90-7	Chlorobenzene	1	ND		0.126	5.00	
75-00-3	Chloroethane	1	ND		0.271	5.00	
110-75-8	2-Chloroethylvinyl ether	1	ND		0.585	20.0	
67-66-3	Chloroform	1	ND		0.315	5.00	
74-87-3	Chloromethane	1	ND		0.203	5.00	
95-49-8	2-Chlorotoluene	1	ND		0.147	5.00	
106-43-4	4-Chlorotoluene	1	ND		0.105	5.00	
96-12-8	1,2-Dibromo-3-chloropropane	1	ND		1.69	5.00	
124-48-1	Dibromochloromethane	1	ND		0.159	5.00	
106-93-4	1,2-Dibromoethane (EDB)	1	ND		0.890	5.00	
74-95-3	Dibromomethane	1	ND		0.461	5.00	
95-50-1	1,2-Dichlorobenzene	1	ND		0.125	5.00	
541-73-1	1,3-Dichlorobenzene	1	ND		0.104	5.00	
106-46-7	1,4-Dichlorobenzene	1	ND		0.178	5.00	
110-57-6	trans-1,4-Dichloro-2-butene	1	ND		0.720	5.00	
75-71-8	Dichlorodifluoromethane	1	ND		0.253	5.00	
75-34-3	1,1-Dichloroethane	1	ND		0.130	5.00	
107-06-2	1,2-Dichloroethane	1	ND		0.106	5.00	
540-59-0	1,2-Dichloroethene (Total)	1	ND		0.363	10.0	

12/27/2006 15:17:05

ND denotes Not Detected at or above the adjusted reporting limit.
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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
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LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED4 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489229 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79997

Method: 8260 VOAs Low Soil **Units:** ug/kg **Target List:** 8260_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/14/06 **Analyzed:** 12/14/06 12:49 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
75-35-4	1,1-Dichloroethene	1	ND		0.286	5.00	
156-59-2	cis-1,2-Dichloroethene	1	ND		0.177	5.00	
156-60-5	trans-1,2-Dichloroethene	1	ND		0.312	5.00	
78-87-5	1,2-Dichloropropane	1	ND		0.546	5.00	
142-28-9	1,3-Dichloropropane	1	ND		0.276	5.00	
594-20-7	2,2-Dichloropropane	1	ND		0.182	5.00	
563-58-6	1,1-Dichloropropene	1	ND		0.187	5.00	
10061-01-5	cis-1,3-Dichloropropene	1	ND		0.169	5.00	
10061-02-6	trans-1,3-Dichloropropene	1	ND		0.169	5.00	
87-68-3	Hexachloro-1,3-butadiene	1	ND		0.111	5.00	
591-78-6	2-Hexanone	1	ND		2.49	10.0	
74-88-4	Iodomethane	1	ND		0.327	5.00	
98-82-8	Isopropylbenzene (Cumene)	1	ND		0.0844	5.00	
99-87-6	p-Isopropyltoluene	1	ND		0.101	5.00	
79-20-9	Methyl acetate	1	ND		0.815	10.0	
108-87-2	Methylcyclohexane	1	ND		0.247	10.0	
75-09-2	Methylene chloride	1	4.75	J A11	0.374	5.00	
108-10-1	4-Methyl-2-pentanone (MIBK)	1	ND		0.689	10.0	
103-65-1	n-Propylbenzene	1	ND		0.111	5.00	
100-42-5	Styrene	1	ND		0.110	5.00	
630-20-6	1,1,1,2-Tetrachloroethane	1	ND		0.333	5.00	
79-34-5	1,1,2,2-Tetrachloroethane	1	ND		0.194	5.00	
127-18-4	Tetrachloroethene	1	ND		0.156	5.00	
108-88-3	Toluene	1	ND		0.0844	5.00	
100-41-4	Ethylbenzene	1	ND		0.117	5.00	
120-82-1	1,2,4-Trichlorobenzene	1	ND		0.131	5.00	
71-55-6	1,1,1-Trichloroethane	1	ND		0.124	5.00	
79-00-5	1,1,2-Trichloroethane	1	ND		0.164	5.00	
79-01-6	Trichloroethene	1	ND		0.130	5.00	
75-69-4	Trichlorofluoromethane	1	ND		0.351	5.00	
96-18-4	1,2,3-Trichloropropane	1	ND		1.27	5.00	
76-13-1	1,1,2-Trichlorotrifluoroethane	1	ND		0.341	5.00	
95-63-6	1,2,4-Trimethylbenzene	1	ND		0.0816	5.00	

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LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED4 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489229 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79997

Method: 8260 VOAs Low Soil **Units:** ug/kg **Target List:** 8260_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/14/06 **Analyzed:** 12/14/06 12:49 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
108-67-8	1,3,5-Trimethylbenzene	1	ND		0.122	5.00	
108-05-4	Vinyl acetate	1	ND		0.269	10.0	
75-01-4	Vinyl chloride	1	ND		0.209	5.00	
	m&p-Xylene	1	ND		0.182	5.00	
95-47-6	o-Xylene	1	ND		0.0799	5.00	
1634-04-4	Methyl-tert-butyl ether	1	ND		0.214	5.00	

72 compound(s) reported

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LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED4 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489229 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79654

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/16/06 **Analyzed:** 12/18/06 20:33 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		36.5	333.	
208-96-8	Acenaphthylene	1	36.0	J	22.0	333.	
98-86-2	Acetophenone	1	ND		33.3	333.	
62-53-3	Aniline	1	ND		24.1	333.	
120-12-7	Anthracene	1	ND		35.7	333.	
1912-24-9	Atrazine	1	ND			333.	
100-52-7	Benzaldehyde	1	ND			333.	
92-87-5	Benzidine	1	ND			1000	
56-55-3	Benzo(a)anthracene	1	ND		34.3	333.	
205-99-2	Benzo(b)fluoranthene	1	ND		22.5	333.	
207-08-9	Benzo(k)fluoranthene	1	ND		35.9	333.	
65-85-0	Benzoic acid	1	ND		46.3	833.	
191-24-2	Benzo(g,h,i)perylene	1	ND		24.3	333.	
50-32-8	Benzo(a)pyrene	1	ND		20.2	333.	
100-51-6	Benzyl alcohol	1	ND		34.6	333.	
92-52-4	Biphenyl (Diphenyl)	1	ND			333.	
101-55-3	4-Bromophenylphenyl ether	1	ND		34.6	333.	
85-68-7	Butylbenzylphthalate	1	ND		29.6	333.	
105-60-2	Caprolactam	1	ND			333.	
86-74-8	Carbazole	1	ND		24.5	333.	
59-50-7	4-Chloro-3-methylphenol	1	ND		33.1	333.	
106-47-8	4-Chloroaniline	1	ND		52.8	333.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		38.7	333.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		48.8	333.	
91-58-7	2-Chloronaphthalene	1	ND		39.2	333.	
95-57-8	2-Chlorophenol	1	ND		36.8	333.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		25.0	333.	
218-01-9	Chrysene	1	ND		19.9	333.	
53-70-3	Dibenz(a,h)anthracene	1	ND		37.5	333.	
132-64-9	Dibenzofuran	1	ND		34.9	333.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		34.3	667.	
120-83-2	2,4-Dichlorophenol	1	ND		31.0	333.	
84-66-2	Diethylphthalate	1	ND		35.6	333.	

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Client: EA Engineering,Science &Tech

Client ID: 2WSED4 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489229 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79654

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/16/06 **Analyzed:** 12/18/06 20:33 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
105-67-9	2,4-Dimethylphenol	1	ND		42.8	333.	
131-11-3	Dimethylphthalate	1	ND		23.3	333.	
84-74-2	Di-n-butylphthalate	1	ND		40.8	333.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		21.2	333.	
51-28-5	2,4-Dinitrophenol	1	ND		32.4	333.	
121-14-2	2,4-Dinitrotoluene	1	ND		31.6	333.	
606-20-2	2,6-Dinitrotoluene	1	ND		32.6	333.	
117-84-0	Di-n-octylphthalate	1	ND		30.4	333.	
122-66-7	1,2-Diphenylhydrazine	1	ND		32.5	333.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		44.2	333.	
206-44-0	Fluoranthene	1	ND		26.1	333.	
86-73-7	Fluorene	1	ND		23.5	333.	
118-74-1	Hexachlorobenzene	1	ND		38.5	333.	
77-47-4	Hexachlorocyclopentadiene	1	ND		24.8	333.	
67-72-1	Hexachloroethane	1	ND		33.0	333.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		23.4	333.	
78-59-1	Isophorone	1	ND		41.3	333.	
91-57-6	2-Methylnaphthalene	1	ND		42.3	333.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		35.0	333.	
88-74-4	2-Nitroaniline	1	ND		27.4	333.	
99-09-2	3-Nitroaniline	1	ND		26.5	333.	
100-01-6	4-Nitroaniline	1	ND		41.0	333.	
98-95-3	Nitrobenzene	1	ND		20.9	333.	
88-75-5	2-Nitrophenol	1	ND		37.5	333.	
100-02-7	4-Nitrophenol	1	ND		31.5	333.	
62-75-9	N-Nitrosodimethylamine	1	ND		34.5	333.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		48.9	333.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	38.7	333.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		34.3	333.	
85-01-8	Phenanthrene	1	ND		32.7	333.	
108-95-2	Phenol	1	ND		37.8	333.	
129-00-0	Pyrene	1	447.		36.3	333.	
110-86-1	Pyridine	1	ND		40.4	333.	

12/27/2006 15:17:05

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LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED4 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489229 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79654

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/16/06 **Analyzed:** 12/18/06 20:33 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
95-95-4	2,4,5-Trichlorophenol	1	ND		18.1	333.	
88-06-2	2,4,6-Trichlorophenol	1	ND		35.1	333.	

68 compound(s) reported

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12/27/2006 15:17:05

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED15 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489230 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79997

Method: 8260 VOAs Low Soil **Units:** ug/kg **Target List:** 8260_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/14/06 **Analyzed:** 12/14/06 13:56 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
67-64-1	Acetone	1	40.8	A11,B	5.10	10.0	
107-02-8	Acrolein	1	ND		9.95	20.0	
107-13-1	Acrylonitrile	1	ND		3.01	20.0	
71-43-2	Benzene	1	ND		0.116	5.00	
108-86-1	Bromobenzene	1	ND		0.160	5.00	
75-27-4	Bromodichloromethane	1	ND		0.155	5.00	
75-25-2	Bromoform	1	ND		0.228	5.00	
74-83-9	Bromomethane	1	ND		0.840	5.00	
78-93-3	2-Butanone (MEK)	1	ND	A11	1.74	10.0	
104-51-8	n-Butylbenzene	1	ND		0.0649	5.00	
135-98-8	sec-Butylbenzene	1	ND		0.0886	5.00	
98-06-6	tert-Butylbenzene	1	ND		0.0819	5.00	
75-15-0	Carbon disulfide	1	1.59	J	0.0711	5.00	
56-23-5	Carbon tetrachloride	1	ND		0.109	5.00	
108-90-7	Chlorobenzene	1	ND		0.126	5.00	
75-00-3	Chloroethane	1	ND		0.271	5.00	
110-75-8	2-Chloroethylvinyl ether	1	ND		0.585	20.0	
67-66-3	Chloroform	1	ND		0.315	5.00	
74-87-3	Chloromethane	1	ND		0.203	5.00	
95-49-8	2-Chlorotoluene	1	ND		0.147	5.00	
106-43-4	4-Chlorotoluene	1	ND		0.105	5.00	
96-12-8	1,2-Dibromo-3-chloropropane	1	ND		1.69	5.00	
124-48-1	Dibromochloromethane	1	ND		0.159	5.00	
106-93-4	1,2-Dibromoethane (EDB)	1	ND		0.890	5.00	
74-95-3	Dibromomethane	1	ND		0.461	5.00	
95-50-1	1,2-Dichlorobenzene	1	ND		0.125	5.00	
541-73-1	1,3-Dichlorobenzene	1	ND		0.104	5.00	
106-46-7	1,4-Dichlorobenzene	1	ND		0.178	5.00	
110-57-6	trans-1,4-Dichloro-2-butene	1	ND		0.720	5.00	
75-71-8	Dichlorodifluoromethane	1	ND		0.253	5.00	
75-34-3	1,1-Dichloroethane	1	ND		0.130	5.00	
107-06-2	1,2-Dichloroethane	1	ND		0.106	5.00	
540-59-0	1,2-Dichloroethene (Total)	1	ND		0.363	10.0	

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St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED15 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489230 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79997

Method: 8260 VOAs Low Soil **Units:** ug/kg **Target List:** 8260_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/14/06 **Analyzed:** 12/14/06 13:56 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
75-35-4	1,1-Dichloroethene	1	ND		0.286	5.00	
156-59-2	cis-1,2-Dichloroethene	1	ND		0.177	5.00	
156-60-5	trans-1,2-Dichloroethene	1	ND		0.312	5.00	
78-87-5	1,2-Dichloropropane	1	ND		0.546	5.00	
142-28-9	1,3-Dichloropropane	1	ND		0.276	5.00	
594-20-7	2,2-Dichloropropane	1	ND		0.182	5.00	
563-58-6	1,1-Dichloropropene	1	ND		0.187	5.00	
10061-01-5	cis-1,3-Dichloropropene	1	ND		0.169	5.00	
10061-02-6	trans-1,3-Dichloropropene	1	ND		0.169	5.00	
87-68-3	Hexachloro-1,3-butadiene	1	ND		0.111	5.00	
591-78-6	2-Hexanone	1	ND		2.49	10.0	
74-88-4	Iodomethane	1	ND		0.327	5.00	
98-82-8	Isopropylbenzene (Cumene)	1	ND		0.0844	5.00	
99-87-6	p-Isopropyltoluene	1	ND		0.101	5.00	
79-20-9	Methyl acetate	1	ND		0.815	10.0	
108-87-2	Methylcyclohexane	1	ND		0.247	10.0	
75-09-2	Methylene chloride	1	4.53	J A11	0.374	5.00	
108-10-1	4-Methyl-2-pentanone (MIBK)	1	ND		0.689	10.0	
103-65-1	n-Propylbenzene	1	ND		0.111	5.00	
100-42-5	Styrene	1	ND		0.110	5.00	
630-20-6	1,1,1,2-Tetrachloroethane	1	ND		0.333	5.00	
79-34-5	1,1,2,2-Tetrachloroethane	1	ND		0.194	5.00	
127-18-4	Tetrachloroethene	1	ND		0.156	5.00	
108-88-3	Toluene	1	ND		0.0844	5.00	
100-41-4	Ethylbenzene	1	ND		0.117	5.00	
120-82-1	1,2,4-Trichlorobenzene	1	ND		0.131	5.00	
71-55-6	1,1,1-Trichloroethane	1	ND		0.124	5.00	
79-00-5	1,1,2-Trichloroethane	1	ND		0.164	5.00	
79-01-6	Trichloroethene	1	ND		0.130	5.00	
75-69-4	Trichlorofluoromethane	1	ND		0.351	5.00	
96-18-4	1,2,3-Trichloropropane	1	ND		1.27	5.00	
76-13-1	1,1,2-Trichlorotrifluoroethane	1	ND		0.341	5.00	
95-63-6	1,2,4-Trimethylbenzene	1	ND		0.0816	5.00	

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St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED15 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489230 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79997

Method: 8260 VOAs Low Soil **Units:** ug/kg **Target List:** 8260_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/14/06 **Analyzed:** 12/14/06 13:56 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
108-67-8	1,3,5-Trimethylbenzene	1	ND		0.122	5.00	
108-05-4	Vinyl acetate	1	ND		0.269	10.0	
75-01-4	Vinyl chloride	1	ND		0.209	5.00	
	m&p-Xylene	1	ND		0.182	5.00	
95-47-6	o-Xylene	1	ND		0.0799	5.00	
1634-04-4	Methyl-tert-butyl ether	1	ND		0.214	5.00	

72 compound(s) reported

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St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED15 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489230 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79654

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/16/06 **Analyzed:** 12/18/06 19:38 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
83-32-9	Acenaphthene	1	ND		36.5	333.	
208-96-8	Acenaphthylene	1	ND		22.0	333.	
98-86-2	Acetophenone	1	ND		33.3	333.	
62-53-3	Aniline	1	ND		24.1	333.	
120-12-7	Anthracene	1	ND		35.7	333.	
1912-24-9	Atrazine	1	ND			333.	
100-52-7	Benzaldehyde	1	ND			333.	
92-87-5	Benzidine	1	ND			1000	
56-55-3	Benzo(a)anthracene	1	ND		34.3	333.	
205-99-2	Benzo(b)fluoranthene	1	ND		22.5	333.	
207-08-9	Benzo(k)fluoranthene	1	ND		35.9	333.	
65-85-0	Benzoic acid	1	ND		46.3	833.	
191-24-2	Benzo(g,h,i)perylene	1	ND		24.3	333.	
50-32-8	Benzo(a)pyrene	1	ND		20.2	333.	
100-51-6	Benzyl alcohol	1	ND		34.6	333.	
92-52-4	Biphenyl (Diphenyl)	1	ND			333.	
101-55-3	4-Bromophenylphenyl ether	1	ND		34.6	333.	
85-68-7	Butylbenzylphthalate	1	ND		29.6	333.	
105-60-2	Caprolactam	1	ND			333.	
86-74-8	Carbazole	1	ND		24.5	333.	
59-50-7	4-Chloro-3-methylphenol	1	ND		33.1	333.	
106-47-8	4-Chloroaniline	1	ND		52.8	333.	
111-91-1	bis(2-Chloroethoxy)methane	1	ND		38.7	333.	
111-44-4	bis(2-Chloroethyl) ether	1	ND		48.8	333.	
91-58-7	2-Chloronaphthalene	1	ND		39.2	333.	
95-57-8	2-Chlorophenol	1	ND		36.8	333.	
7005-72-3	4-Chlorophenylphenyl ether	1	ND		25.0	333.	
218-01-9	Chrysene	1	ND		19.9	333.	
53-70-3	Dibenz(a,h)anthracene	1	ND		37.5	333.	
132-64-9	Dibenzofuran	1	ND		34.9	333.	
91-94-1	3,3'-Dichlorobenzidine	1	ND		34.3	667.	
120-83-2	2,4-Dichlorophenol	1	ND		31.0	333.	
84-66-2	Diethylphthalate	1	ND		35.6	333.	

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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED15 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489230 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79654

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/16/06 **Analyzed:** 12/18/06 19:38 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
105-67-9	2,4-Dimethylphenol	1	ND		42.8	333.	
131-11-3	Dimethylphthalate	1	ND		23.3	333.	
84-74-2	Di-n-butylphthalate	1	ND		40.8	333.	
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		21.2	333.	
51-28-5	2,4-Dinitrophenol	1	ND		32.4	333.	
121-14-2	2,4-Dinitrotoluene	1	ND		31.6	333.	
606-20-2	2,6-Dinitrotoluene	1	ND		32.6	333.	
117-84-0	Di-n-octylphthalate	1	ND		30.4	333.	
122-66-7	1,2-Diphenylhydrazine	1	ND		32.5	333.	
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		44.2	333.	
206-44-0	Fluoranthene	1	36.3	J	26.1	333.	
86-73-7	Fluorene	1	ND		23.5	333.	
118-74-1	Hexachlorobenzene	1	ND		38.5	333.	
77-47-4	Hexachlorocyclopentadiene	1	ND		24.8	333.	
67-72-1	Hexachloroethane	1	ND		33.0	333.	
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		23.4	333.	
78-59-1	Isophorone	1	ND		41.3	333.	
91-57-6	2-Methylnaphthalene	1	ND		42.3	333.	
95-48-7	2-Methylphenol (o-Cresol)	1	ND		35.0	333.	
88-74-4	2-Nitroaniline	1	ND		27.4	333.	
99-09-2	3-Nitroaniline	1	ND		26.5	333.	
100-01-6	4-Nitroaniline	1	ND		41.0	333.	
98-95-3	Nitrobenzene	1	ND		20.9	333.	
88-75-5	2-Nitrophenol	1	ND		37.5	333.	
100-02-7	4-Nitrophenol	1	ND		31.5	333.	
62-75-9	N-Nitrosodimethylamine	1	ND		34.5	333.	
621-64-7	N-Nitroso-di-n-propylamine	1	ND		48.9	333.	
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	38.7	333.	
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		34.3	333.	
85-01-8	Phenanthrene	1	ND		32.7	333.	
108-95-2	Phenol	1	ND		37.8	333.	
129-00-0	Pyrene	1	ND		36.3	333.	
110-86-1	Pyridine	1	ND		40.4	333.	

12/27/2006 15:17:06

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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED15 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489230 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79654

Method: 8270 SVOAs Low Soil **Units:** ug/kg **Target List:** 8270_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/16/06 **Analyzed:** 12/18/06 19:38 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
95-95-4	2,4,5-Trichlorophenol	1	ND		18.1	333.	
88-06-2	2,4,6-Trichlorophenol	1	ND		35.1	333.	

68 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
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Report of Laboratory Analysis

Pace Analytical Services, Inc.
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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED4 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489229 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79329

Method: 8081 Pests Low Soil **Units:** ug/kg **Target List:** 8081_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/19/06 **Analyzed:** 12/21/06 18:38 SLF (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
309-00-2	Aldrin	1	ND	N	0.0915	1.70	
319-84-6	alpha-BHC	1	ND	N	0.295	1.70	
319-85-7	beta-BHC	1	ND	N	0.231	1.70	
319-86-8	delta-BHC	1	ND	N	0.153	1.70	
58-89-9	gamma-BHC (Lindane)	1	ND	N	0.106	1.70	
5103-71-9	alpha-Chlordane	1	ND	N	0.0681	1.70	
5103-74-2	gamma-Chlordane	1	ND	N	0.126	1.70	
72-54-8	4,4'-DDD	1	ND	N	0.184	3.33	
72-55-9	4,4'-DDE	1	ND	N	0.172	3.33	
50-29-3	4,4'-DDT	1	ND	N	0.106	3.33	
60-57-1	Dieldrin	1	ND	N	0.0830	3.33	
959-98-8	Endosulfan I	1	ND	N	0.707	1.70	
33213-65-9	Endosulfan II	1	ND	N	0.0904	3.33	
1031-07-8	Endosulfan sulfate	1	ND	N	0.0809	3.33	
72-20-8	Endrin	1	ND	N	0.0954	3.33	
7421-93-4	Endrin aldehyde	1	ND	N	0.133	3.33	
53494-70-5	Endrin ketone	1	ND	N	0.0721	3.33	
76-44-8	Heptachlor	1	ND	N	0.134	1.70	
1024-57-3	Heptachlor epoxide	1	ND	N	0.0779	1.70	
72-43-5	Methoxychlor	1	ND	N	0.499	16.7	
8001-35-2	Toxaphene	1	ND	N	9.33	66.7	

21 compound(s) reported

ND denotes Not Detected at or above the adjusted reporting limit.
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Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

12/27/2006 15:17:08

New Orleans Laboratory Certifications
Louisiana Dept. of Environmental Quality (LELAP) - 02006
Arkansas Dept. of Environmental Quality - 88-0681
Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED4 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489229 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79737

Method: 8082 PCBs Low Soil **Units:** ug/kg **Target List:** 8082_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/19/06 **Analyzed:** 12/26/06 14:41 SLF (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
12674-11-2	PCB-1016 (Aroclor 1016)	1	ND		8.89	33.3	
11104-28-2	PCB-1221 (Aroclor 1221)	1	ND		12.3	33.3	
11141-16-5	PCB-1232 (Aroclor 1232)	1	ND		10.0	33.3	
53469-21-9	PCB-1242 (Aroclor 1242)	1	ND		10.4	33.3	
12672-29-6	PCB-1248 (Aroclor 1248)	1	ND		5.03	33.3	
11097-69-1	PCB-1254 (Aroclor 1254)	1	ND		9.55	33.3	
11096-82-5	PCB-1260 (Aroclor 1260)	1	ND		7.69	33.3	

7 compound(s) reported

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DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
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Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
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St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED15 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489230 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79329

Method: 8081 Pests Low Soil **Units:** ug/kg **Target List:** 8081_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/19/06 **Analyzed:** 12/21/06 18:54 SLF (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
309-00-2	Aldrin	1	ND	N	0.0915	1.70	
319-84-6	alpha-BHC	1	ND	N	0.295	1.70	
319-85-7	beta-BHC	1	ND	N	0.231	1.70	
319-86-8	delta-BHC	1	ND	N	0.153	1.70	
58-89-9	gamma-BHC (Lindane)	1	ND	N	0.106	1.70	
5103-71-9	alpha-Chlordane	1	ND	N	0.0681	1.70	
5103-74-2	gamma-Chlordane	1	ND	N	0.126	1.70	
72-54-8	4,4'-DDD	1	ND	N	0.184	3.33	
72-55-9	4,4'-DDE	1	ND	N	0.172	3.33	
50-29-3	4,4'-DDT	1	ND	N	0.106	3.33	
60-57-1	Dieldrin	1	ND	N	0.0830	3.33	
959-98-8	Endosulfan I	1	ND	N	0.707	1.70	
33213-65-9	Endosulfan II	1	ND	N	0.0904	3.33	
1031-07-8	Endosulfan sulfate	1	ND	N	0.0809	3.33	
72-20-8	Endrin	1	ND	N	0.0954	3.33	
7421-93-4	Endrin aldehyde	1	ND	N	0.133	3.33	
53494-70-5	Endrin ketone	1	ND	N	0.0721	3.33	
76-44-8	Heptachlor	1	ND	N	0.134	1.70	
1024-57-3	Heptachlor epoxide	1	ND	N	0.0779	1.70	
72-43-5	Methoxychlor	1	ND	N	0.499	16.7	
8001-35-2	Toxaphene	1	ND	N	9.33	66.7	

21 compound(s) reported

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12/27/2006 15:17:08

New Orleans Laboratory Certifications
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Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client: EA Engineering,Science &Tech

Client ID: 2WSED15 **Site:** None

Project: Gulfco Marine Superfund Site **Project No.:** 2064973 **Sample Qu:**

Lab ID: 20489230 **Matrix:** Soil **% Moisture:** Not Corrected

Description: None **Prep Level:** Soil **Batch:** 79737

Method: 8082 PCBs Low Soil **Units:** ug/kg **Target List:** 8082_SL20

Collected: 12/06/06 **Received:** 12/08/06

Prep Factor: 1 **Prepared:** 12/19/06 **Analyzed:** 12/26/06 14:56 SLF (1)

CAS Number	Parameter	Dilution	Result	Qu	Adjusted MDL	Reporting Limit	Reg. Limit
12674-11-2	PCB-1016 (Aroclor 1016)	1	ND		8.89	33.3	
11104-28-2	PCB-1221 (Aroclor 1221)	1	ND		12.3	33.3	
11141-16-5	PCB-1232 (Aroclor 1232)	1	ND		10.0	33.3	
53469-21-9	PCB-1242 (Aroclor 1242)	1	ND		10.4	33.3	
12672-29-6	PCB-1248 (Aroclor 1248)	1	ND		5.03	33.3	
11097-69-1	PCB-1254 (Aroclor 1254)	1	ND		9.55	33.3	
11096-82-5	PCB-1260 (Aroclor 1260)	1	ND		7.69	33.3	

7 compound(s) reported

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DF denotes Dilution Factor of extract. The Prep Factor accounts for a non-routine sample size.
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12/27/2006 15:17:08

New Orleans Laboratory Certifications
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Pace Analytical
New Orleans Laboratory

Report of Laboratory Analysis

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St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: 2WSED4 **Client:** EA Engineering,Science &Tech

Project: Gulfco Marine Superfund Site **Site:** None

Lab ID: 20489229 **Project No.:** 2064973

Description: None **Matrix:** Soil **%Moisture:** Not Corrected

Collected: 12/06/06 **Received:** 12/08/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Adjusted MDL	Reporting Limit	Prep.	Analysis		Reg. Limit
Aluminum	EPA 6010	79791	1	6890		mg/kg	5.56	13.7	12/11	12/15 17:37	KJR (1)	
Antimony	EPA 6010	79791	1	ND		mg/kg	0.499	4.11	12/11	12/15 17:37	KJR (1)	
Arsenic	EPA 6010	79791	1	0.856		mg/kg	0.244	0.685	12/11	12/15 17:37	KJR (1)	
Barium	EPA 6010	79791	1	55.2		mg/kg	0.642	13.7	12/11	12/15 17:37	KJR (1)	
Beryllium	EPA 6010	79791	1	0.400		mg/kg	0.0305	0.342	12/11	12/15 17:37	KJR (1)	
Boron	EPA 6010	79791	1	18.3		mg/kg	0.637	3.42	12/11	12/15 17:37	KJR (1)	
Cadmium	EPA 6010	79791	1	0.263	J	mg/kg	0.0302	0.342	12/11	12/15 17:37	KJR (1)	
Cobalt	EPA 6010	79791	1	3.18		mg/kg	0.0892	0.685	12/11	12/15 17:37	KJR (1)	
Copper	EPA 6010	79791	1	4.71		mg/kg	0.396	0.685	12/11	12/15 17:37	KJR (1)	
Iron	EPA 6010	79791	1	6500		mg/kg	3.46	6.85	12/11	12/15 17:37	KJR (1)	
Lead	EPA 6010	79791	1	8.65		mg/kg	0.176	0.342	12/11	12/15 17:37	KJR (1)	
Lithium	EPA 6010	79791	1	7.62		mg/kg	0.418	3.42	12/11	12/15 17:37	KJR (1)	
Manganese	EPA 6010	79791	1	119.		mg/kg	0.418	1.03	12/11	12/15 17:37	KJR (1)	
Mercury	EPA 7471	79792	1	0.0328		mg/kg	0.00150	0.0176	12/13	12/13 09:23	KDG (1)	
Nickel	EPA 6010	79791	1	8.41		mg/kg	0.418	2.74	12/11	12/15 17:37	KJR (1)	
Selenium	EPA 6010	79791	1	ND		mg/kg	0.708	2.40	12/11	12/15 17:37	KJR (1)	
Silver	EPA 6010	79791	1	ND		mg/kg	0.124	0.685	12/11	12/15 17:37	KJR (1)	
Thallium	EPA 6010	79791	1	ND		mg/kg	0.312	0.685	12/11	12/15 17:37	KJR (1)	
Titanium	EPA 6010	79791	1	57.1		mg/kg	0.0424	0.685	12/11	12/15 17:37	KJR (1)	
Zinc	EPA 6010	79791	1	47.2		mg/kg	0.328	1.37	12/11	12/15 17:37	KJR (1)	

20 parameter(s) reported

12/27/2006 15:17:11

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For moisture results, wet denotes result is not corrected for moisture and n/a denotes not applicable.
(1a) pH less than 2.0 or greater than 12.5 is hazardous for corrosivity.
(1b) Flash point less than 140 degrees F is hazardous for ignitibility.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

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Pace Analytical
New Orleans Laboratory

Report of Laboratory Analysis

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Client ID: 2WSED15 **Client:** EA Engineering,Science &Tech

Project: Gulfco Marine Superfund Site **Site:** None

Lab ID: 20489230 **Project No.:** 2064973

Description: None **Matrix:** Soil **%Moisture:** Not Corrected

Collected: 12/06/06 **Received:** 12/08/06

ParameterName	Method	Batch	DF	Result	Qu	Units	Adjusted MDL	Reporting Limit	Prep.	Analysis		Reg. Limit
Aluminum	EPA 6010	79791	1	2520		mg/kg	6.54	16.1	12/11	12/15 17:51	KJR (1)	
Antimony	EPA 6010	79791	1	ND		mg/kg	0.587	4.84	12/11	12/15 17:51	KJR (1)	
Arsenic	EPA 6010	79791	1	0.880		mg/kg	0.288	0.806	12/11	12/15 17:51	KJR (1)	
Barium	EPA 6010	79791	1	231.		mg/kg	0.755	16.1	12/11	12/15 17:51	KJR (1)	
Beryllium	EPA 6010	79791	1	0.178	J	mg/kg	0.0360	0.403	12/11	12/15 17:51	KJR (1)	
Boron	EPA 6010	79791	1	8.16		mg/kg	0.750	4.03	12/11	12/15 17:51	KJR (1)	
Cadmium	EPA 6010	79791	1	0.185	J	mg/kg	0.0356	0.403	12/11	12/15 17:51	KJR (1)	
Cobalt	EPA 6010	79791	1	1.44		mg/kg	0.105	0.806	12/11	12/15 17:51	KJR (1)	
Copper	EPA 6010	79791	1	5.95		mg/kg	0.466	0.806	12/11	12/15 17:51	KJR (1)	
Iron	EPA 6010	79791	1	3400		mg/kg	4.07	8.06	12/11	12/15 17:51	KJR (1)	
Lead	EPA 6010	79791	1	8.22		mg/kg	0.207	0.403	12/11	12/15 17:51	KJR (1)	
Lithium	EPA 6010	79791	1	3.35	J	mg/kg	0.493	4.03	12/11	12/15 17:51	KJR (1)	
Manganese	EPA 6010	79791	1	43.6		mg/kg	0.493	1.21	12/11	12/15 17:51	KJR (1)	
Mercury	EPA 7471	79792	1	0.00456	J	mg/kg	0.00159	0.0188	12/13	12/13 09:25	KDG (1)	
Nickel	EPA 6010	79791	1	3.51		mg/kg	0.492	3.23	12/11	12/15 17:51	KJR (1)	
Selenium	EPA 6010	79791	1	ND		mg/kg	0.833	2.82	12/11	12/15 17:51	KJR (1)	
Silver	EPA 6010	79791	1	ND		mg/kg	0.146	0.806	12/11	12/15 17:51	KJR (1)	
Thallium	EPA 6010	79791	1	0.753	J	mg/kg	0.368	0.806	12/11	12/15 17:51	KJR (1)	
Titanium	EPA 6010	79791	1	23.5		mg/kg	0.0499	0.806	12/11	12/15 17:51	KJR (1)	
Zinc	EPA 6010	79791	1	102.		mg/kg	0.386	1.61	12/11	12/15 17:51	KJR (1)	

20 parameter(s) reported

12/27/2006 15:17:11

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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Method: EPA 8260 **Project:** 2064973 **LCS:** 20490293 12/14/2006 10:34:00 A

Batch: 79997 **MS:** 20490294 12/14/2006 1:11:00 PM

Units: ug/kg **Original for MS:** 20489229 Client Sample

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	QC Limits LCS	QC Limits MS/MSD	Max RPD	Qu
Acetone	50	116			50	69	43	17	11 - 166	10 - 183	20	A11
Acrolein	100	44			100	0 *	0 *	0	10 - 150	10 - 147	20	Q1
Acrylonitrile	150	72			150	25	32	24 *	10 - 150	10 - 150	20	
Benzene	50	91			50	37	42	14	65 - 136	33 - 143	20	
Bromobenzene	50	99			50	26 *	21 *	22 *	70 - 137	70 - 130	20	Q1
Bromodichloromethane	50	122			50	17	26	43 *	56 - 157	14 - 155	20	
Bromoform	50	107			50	8 *	12	44 *	46 - 156	10 - 152	20	Q1
Bromomethane	50	90			50	33	46	33 *	41 - 159	14 - 162	20	
2-Butanone (MEK)	50	74			50	36	35	3	17 - 164	10 - 166	20	A11
n-Butylbenzene	50	120			50	10 *	6 *	56 *	62 - 144	70 - 130	20	Q1
sec-Butylbenzene	50	101			50	16 *	10 *	44 *	62 - 141	70 - 130	20	Q1
tert-Butylbenzene	50	97			50	20 *	12 *	47 *	59 - 162	70 - 130	20	Q1
Carbon disulfide	50	107			50	20	23	10	38 - 150	14 - 148	20	
Carbon tetrachloride	50	125			50	43	41	7	44 - 166	17 - 160	20	
Chlorobenzene	50	103			50	24	23	2	65 - 134	14 - 145	20	
Chloroethane	50	90			50	51	57	11	34 - 166	28 - 158	20	
Chloroform	50	112			50	49	58	17	68 - 134	35 - 141	20	
Chloromethane	50	73			50	34	39	14	21 - 152	10 - 158	20	
2-Chlorotoluene	50	94			50	21 *	14 *	38 *	48 - 149	70 - 130	20	Q1
4-Chlorotoluene	50	99			50	19 *	14 *	33 *	63 - 142	70 - 130	20	Q1
1,2-Dibromo-3-chloropropane	50	94			50	23	17	26 *	23 - 147	10 - 147	20	
Dibromochloromethane	50	102			50	10	17	48 *	53 - 150	10 - 153	20	
1,2-Dibromoethane (EDB)	50	119			50	32	40	21 *	47 - 152	10 - 139	20	
Dibromomethane	50	117			50	53	64	19	55 - 153	34 - 145	20	
1,2-Dichlorobenzene	50	96			50	16	10	45 *	67 - 133	10 - 134	20	
1,3-Dichlorobenzene	50	98			50	16	10	46 *	64 - 132	10 - 131	20	
1,4-Dichlorobenzene	50	99			50	17	11	44 *	64 - 131	10 - 130	20	
trans-1,4-Dichloro-2-butene	100	89			100	10	9 *	6	11 - 161	10 - 157	20	
1,1-Dichloroethane	50	105			50	48	56	15	61 - 135	36 - 141	20	
1,2-Dichloroethane	50	122			50	45	55	21 *	46 - 162	15 - 158	20	
1,1-Dichloroethene	50	109			50	67	65	4	50 - 144	31 - 149	20	
cis-1,2-Dichloroethene	50	100			50	43	52	19	56 - 142	26 - 140	20	
trans-1,2-Dichloroethene	50	104			50	52	57	8	56 - 138	29 - 142	20	
1,2-Dichloropropane	50	111			50	37	45	18	64 - 136	28 - 141	20	
1,3-Dichloropropane	50	91			50	31 *	37 *	17	74 - 137	70 - 130	20	Q1
2,2-Dichloropropane	50	103			50	49 *	50 *	2	58 - 141	70 - 130	20	Q1
1,1-Dichloropropene	50	99			50	41 *	40 *	2	56 - 150	70 - 130	20	Q1
cis-1,3-Dichloropropene	50	117			50	11	27	85 *	58 - 142	10 - 145	20	
trans-1,3-Dichloropropene	50	112			50	13	28	71 *	47 - 152	10 - 149	20	

12/27/2006 15:17:13

*** denotes recovery outside of QC limits.**
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Method: EPA 8260 **Project:** 2064973 **LCS:** 20490293 12/14/2006 10:34:00 A

Batch: 79997 **MS:** 20490294 12/14/2006 1:11:00 PM

Units: ug/kg **Original for MS:** 20489229 Client Sample

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	QC Limits LCS	QC Limits MS/MSD	Max RPD	Qu
Ethylbenzene	50	103			50	23	20	13	62 - 134	11 - 144	20	
Hexachloro-1,3-butadiene	50	124			50	4 *	3 *	30 *	65 - 158	70 - 130	20	Q1
2-Hexanone	50	92			50	33	37	10	22 - 162	10 - 165	20	
Iodomethane	50	107			50	17	34	70 *	10 - 233	10 - 229	20	
Isopropylbenzene (Cumene)	50	99			50	27	18	37 *	50 - 135	10 - 140	20	
p-Isopropyltoluene	50	107			50	15 *	9 *	54 *	71 - 137	70 - 130	20	Q1
Methylcyclohexane	50	105			50	24 *	17 *	36 *	50 - 150	50 - 150	20	Q1
Methylene chloride	50	143			50	70	87	20	23 - 161	10 - 146	20	A11
4-Methyl-2-pentanone (MIBK)	50	98			50	39	46	17	10 - 167	10 - 150	20	
Methyl-tert-butyl ether	50	92			50	44	56	25 *	41 - 150	10 - 151	20	
n-Propylbenzene	50	97			50	21 *	14 *	41 *	51 - 143	70 - 130	20	Q1
Styrene	50	109			50	12	13	10	64 - 138	10 - 145	20	
1,1,1,2-Tetrachloroethane	50	104			50	21	25	15	56 - 154	10 - 162	20	
1,1,2,2-Tetrachloroethane	50	82			50	36	31	17	41 - 144	10 - 162	20	
Tetrachloroethene	50	108			50	31	28	10	30 - 161	10 - 179	20	
Toluene	50	107			50	31	31	2	65 - 135	21 - 147	20	
1,2,4-Trichlorobenzene	50	101			50	10	8 *	19	44 - 147	10 - 129	20	
1,1,1-Trichloroethane	50	107			50	48	47	2	57 - 139	32 - 144	20	
1,1,2-Trichloroethane	50	106			50	35	41	16	59 - 145	13 - 150	20	
Trichloroethene	50	113			50	45	44	1	64 - 139	24 - 152	20	
Trichlorofluoromethane	50	114			50	71	65	9	39 - 157	20 - 153	20	
1,2,3-Trichloropropane	50	88			50	32	32	1	42 - 150	21 - 138	20	
1,1,2-Trichlorotrifluoroethane	50	103			50	60	50	17	62 - 141	21 - 137	20	
1,2,4-Trimethylbenzene	50	103			50	19 *	12 *	48 *	62 - 145	43 - 124	20	Q1
1,3,5-Trimethylbenzene	50	101			50	20 *	13 *	45 *	58 - 151	70 - 130	20	Q1
Vinyl acetate	50	104			50	0 *	0 *	0	10 - 210	50 - 150	20	Q1
Vinyl chloride	50	86			50	53	54	2	33 - 145	15 - 153	20	
m&p-Xylene	100	103			100	21	19	11	60 - 138	10 - 147	20	
o-Xylene	50	99			50	19	17	11	62 - 139	10 - 149	20	

68 compound(s) reported

*** denotes recovery outside of QC limits.**
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Louisiana Dept. of Health and Hospitals / Drinking Water - LA060023
Florida Dept. of Health (NELAC) - E87595
Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Method: EPA 8270 **Project:** 2064973 **LCS:** 20488507 12/18/2006 11:08:00 A

Batch: 79654 **MS:** 20488508 12/18/2006 11:35:00 A

Units: ug/kg **Original for MS:** 20488471 Batch Sample

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	QC Limits LCS	QC Limits MS/MSD	Max RPD	Qu
Acenaphthene	1670	72			1670	61	60	2	45 - 110	23 - 121	20	
Acenaphthylene	1670	70			1670	60	59	2	48 - 107	27 - 115	20	
Acetophenone	1670	74			1670				40 - 120	40 - 120	20	
Aniline	1670	37 *			1670	40	33 *	17	40 - 120	40 - 120	20	
Anthracene	1670	72			1670	64	63	1	51 - 110	25 - 123	20	
Benzo(a)anthracene	1670	66			1670	58	58	1	49 - 112	25 - 123	20	
Benzo(b)fluoranthene	1670	61			1670	56	55	1	43 - 119	15 - 140	20	
Benzo(k)fluoranthene	1670	71			1670	62	61	2	40 - 121	14 - 138	20	
Benzoic acid	1670	52			1670				11 - 140	10 - 141	20	
Benzo(g,h,i)perylene	1670	61			1670				29 - 129	10 - 125	20	
Benzo(a)pyrene	1670	68			1670	57	58	1	48 - 115	20 - 128	20	
Benzyl alcohol	1670	73			1670				38 - 111	20 - 115	20	
4-Bromophenylphenyl ether	1670	70			1670				45 - 111	27 - 115	20	
Butylbenzylphthalate	1670	60			1670	59	57	2	41 - 122	18 - 137	20	
Carbazole	1670	77			1670				23 - 136	15 - 137	20	
4-Chloro-3-methylphenol	1670	58			1670				38 - 116	19 - 122	20	
4-Chloroaniline	1670	34			1670	43	34	25 *	10 - 86	10 - 79	20	
bis(2-Chloroethoxy)methane	1670	67			1670				41 - 105	24 - 108	20	
bis(2-Chloroethyl) ether	1670	69			1670	58	58	1	38 - 104	21 - 107	20	
2-Chloronaphthalene	1670	76			1670	64	63	1	44 - 108	26 - 112	20	
2-Chlorophenol	1670	59			1670	50	50	1	38 - 109	24 - 110	20	
4-Chlorophenylphenyl ether	1670	73			1670				44 - 113	28 - 114	20	
Chrysene	1670	70			1670	59	60	1	47 - 113	21 - 124	20	
Dibenz(a,h)anthracene	1670	76			1670	57	59	3	35 - 127	10 - 122	20	
Dibenzofuran	1670	76			1670	66	65	2	46 - 110	21 - 123	20	
1,2-Dichlorobenzene	1670	66			1670	56	58	4	36 - 103	13 - 107	20	
1,3-Dichlorobenzene	1670	62			1670	52	54	5	33 - 102	10 - 107	20	
1,4-Dichlorobenzene	1670	64			1670	53	57	6	32 - 103	10 - 107	20	
3,3'-Dichlorobenzidine	1670	44			1670	51	46	10	10 - 111	10 - 117	20	
2,4-Dichlorophenol	1670	54			1670	46	46	0	45 - 110	25 - 116	20	
Diethylphthalate	1670	66			1670	62	60	4	46 - 113	29 - 115	20	
2,4-Dimethylphenol	1670	62			1670	53	55	4	40 - 110	21 - 116	20	
Dimethylphthalate	1670	67			1670	60	60	0	47 - 110	30 - 111	20	
Di-n-butylphthalate	1670	68			1670				44 - 118	25 - 120	20	
4,6-Dinitro-2-methylphenol	1670	44			1670				32 - 125	10 - 131	20	
2,4-Dinitrophenol	1670	18			1670	21	33	45 *	14 - 134	10 - 139	20	
2,4-Dinitrotoluene	1670	74			1670	70	68	3	45 - 117	24 - 124	20	
2,6-Dinitrotoluene	1670	70			1670	61	60	1	47 - 114	29 - 116	20	
Di-n-octylphthalate	1670	65			1670	64	63	2	36 - 132	10 - 176	20	

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*** denotes recovery outside of QC limits.**
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Pace Analytical Services, Inc.
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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Method: EPA 8270 **Project:** 2064973 **LCS:** 20488507 12/18/2006 11:08:00 A

Batch: 79654 **MS:** 20488508 12/18/2006 11:35:00 A

Units: ug/kg **Original for MS:** 20488471 Batch Sample

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	QC Limits LCS	QC Limits MS/MSD	Max RPD	Qu
1,2-Diphenylhydrazine	1670	92			1670				40 - 120	40 - 120	20	
bis(2-Ethylhexyl)phthalate	1670	64			1670	58	57	2	41 - 125	14 - 144	20	
Fluoranthene	1670	66			1670	66	64	3	47 - 115	19 - 130	20	
Fluorene	1670	76			1670	68	66	4	48 - 111	24 - 123	20	
Hexachloro-1,3-butadiene	1670	70			1670	58	61	5	37 - 110	16 - 114	20	
Hexachlorobenzene	1670	77			1670	63	65	3	45 - 114	27 - 117	20	
Hexachlorocyclopentadiene	1670	46			1670	24	22	8	21 - 114	10 - 108	20	
Hexachloroethane	1670	71			1670	61	64	4	32 - 104	10 - 114	20	
Indeno(1,2,3-cd)pyrene	1670	71			1670	54	56	3	35 - 125	10 - 122	20	
Isophorone	1670	71			1670	61	63	3	43 - 110	27 - 113	20	
2-Methylnaphthalene	1670	67			1670	57	59	3	44 - 109	17 - 123	20	
2-Methylphenol (o-Cresol)	1670	57			1670				44 - 109	25 - 114	20	
2-Nitroaniline	1670	86			1670	76	76	0	36 - 116	20 - 119	20	
3-Nitroaniline	1670	46			1670	54	48	11	17 - 98	10 - 113	20	
4-Nitroaniline	1670	51			1670	54	52	4	30 - 120	10 - 127	20	
Nitrobenzene	1670	77			1670	64	67	4	38 - 109	20 - 114	20	
2-Nitrophenol	1670	56			1670				42 - 110	19 - 117	20	
4-Nitrophenol	1670	58			1670	62	60	2	30 - 132	10 - 138	20	
N-Nitrosodimethylamine	1670	64			1670				40 - 120	40 - 120	20	
N-Nitroso-di-n-propylamine	1670	74			1670	65	67	3	37 - 110	18 - 118	20	
N-Nitrosodiphenylamine	1670	73			1670	60	61	2	39 - 117	10 - 139	20	A10
2,2'-Oxybis(1-chloropropane)	1670	68			1670	60	62	3	29 - 114	10 - 118	20	
Phenanthrene	1670	71			1670	63	62	1	49 - 109	18 - 128	20	
Phenol	1670	61			1670	52	52	0	36 - 112	22 - 113	20	
Pyrene	1670	57			1670	55	56	3	45 - 114	10 - 144	20	
Pyridine	1670	54			1670				40 - 120	40 - 120	20	
2,4,5-Trichlorophenol	1670	61			1670	54	53	2	45 - 113	25 - 117	20	
2,4,6-Trichlorophenol	1670	58			1670	49	49	1	45 - 112	25 - 116	20	

67 compound(s) reported

*** denotes recovery outside of QC limits.**
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Kansas Dept. of Health Environment - E-10266
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New Orleans Laboratory

Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Report: 2064973 **Batch: 79654**

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20488471	OQS		53		54		70		
20488506	BLANK	78	79	62	75	65	101		
20488507	LCS	88	91	66	81	70	68		
20488508	MS	76	78	55	71	61	69		
20488509	MSD	74	75	51	73	60	69		
20489229	Sample	80	50	31	44	49	196 *		
20489230	Sample	74	39	31	37	40	64		
QC limits:			18-116		10-121		30-113		

Sur 2: 2-Fluorobiphenyl (S)

Sur 6: Terphenyl-d14 (S)

Sur 4: Nitrobenzene-d5 (S)

*** denotes surrogate recovery outside of QC limits.**
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

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New Orleans Laboratory

Report of Batch Surrogate Recovery

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St. Rose , LA 70087

Phone: 504.469.0333
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LELAP # 02006

Report: 2064973 **Batch: 79997**

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20489229	Sample	125	94	94					
20489230	Sample	114	89	97					
20490292	BLANK	96	94	100					
20490293	LCS	83	84	100					
20490294	MS	125	96	96					
20490295	MSD	113	92	96					
	QC limits:	55-154	57-136	64-129					

Sur 1: 4-Bromofluorobenzene (S)
Sur 2: Dibromofluoromethane (S)
Sur 3: Toluene-d8 (S)

*** denotes surrogate recovery outside of QC limits.**
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

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Report of Method Blank

Pace Analytical Services, Inc.
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Phone: 504.469.0333
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LELAP # 02006

Lab ID: 20488506

Description: 8270 SVOAs Low Soil **Project No.:** 2064973

Method: EPA 8270 **Batch:** 79654 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 16-Dec-06 **Analyzed:** 12/18/06 10:40 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
83-32-9	Acenaphthene	1	ND		333.
208-96-8	Acenaphthylene	1	ND		333.
98-86-2	Acetophenone	1	ND		333.
62-53-3	Aniline	1	ND		333.
120-12-7	Anthracene	1	ND		333.
1912-24-9	Atrazine	1	ND		333.
100-52-7	Benzaldehyde	1	ND		333.
92-87-5	Benzidine	1	ND		1000
56-55-3	Benzo(a)anthracene	1	ND		333.
205-99-2	Benzo(b)fluoranthene	1	ND		333.
207-08-9	Benzo(k)fluoranthene	1	ND		333.
65-85-0	Benzoic acid	1	ND		833.
191-24-2	Benzo(g,h,i)perylene	1	ND		333.
50-32-8	Benzo(a)pyrene	1	ND		333.
100-51-6	Benzyl alcohol	1	ND		333.
92-52-4	Biphenyl (Diphenyl)	1	ND		333.
101-55-3	4-Bromophenylphenyl ether	1	ND		333.
85-68-7	Butylbenzylphthalate	1	ND		333.
105-60-2	Caprolactam	1	ND		333.
86-74-8	Carbazole	1	ND		333.
59-50-7	4-Chloro-3-methylphenol	1	ND		333.
106-47-8	4-Chloroaniline	1	ND		333.
111-91-1	bis(2-Chloroethoxy)methane	1	ND		333.
111-44-4	bis(2-Chloroethyl) ether	1	ND		333.
91-58-7	2-Chloronaphthalene	1	ND		333.
95-57-8	2-Chlorophenol	1	ND		333.
7005-72-3	4-Chlorophenylphenyl ether	1	ND		333.
218-01-9	Chrysene	1	ND		333.
53-70-3	Dibenz(a,h)anthracene	1	ND		333.
132-64-9	Dibenzofuran	1	ND		333.
95-50-1	1,2-Dichlorobenzene	1	ND		333.
541-73-1	1,3-Dichlorobenzene	1	ND		333.
106-46-7	1,4-Dichlorobenzene	1	ND		333.
91-94-1	3,3'-Dichlorobenzidine	1	ND		667.
120-83-2	2,4-Dichlorophenol	1	ND		333.
84-66-2	Diethylphthalate	1	ND		333.

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ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

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Report of Method Blank

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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20488506

Description: 8270 SVOAs Low Soil **Project No.:** 2064973

Method: EPA 8270 **Batch:** 79654 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 16-Dec-06 **Analyzed:** 12/18/06 10:40 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
105-67-9	2,4-Dimethylphenol	1	ND		333.
131-11-3	Dimethylphthalate	1	ND		333.
84-74-2	Di-n-butylphthalate	1	ND		333.
534-52-1	4,6-Dinitro-2-methylphenol	1	ND		333.
99-65-0	1,3-Dinitrobenzene	1	ND		333.
51-28-5	2,4-Dinitrophenol	1	ND		333.
121-14-2	2,4-Dinitrotoluene	1	ND		333.
606-20-2	2,6-Dinitrotoluene	1	ND		333.
117-84-0	Di-n-octylphthalate	1	ND		333.
88-85-7	Dinoseb	1	ND		333.
122-66-7	1,2-Diphenylhydrazine	1	ND		333.
117-81-7	bis(2-Ethylhexyl)phthalate	1	ND		333.
206-44-0	Fluoranthene	1	ND		333.
86-73-7	Fluorene	1	ND		333.
87-68-3	Hexachloro-1,3-butadiene	1	ND		333.
118-74-1	Hexachlorobenzene	1	ND		333.
77-47-4	Hexachlorocyclopentadiene	1	ND		333.
67-72-1	Hexachloroethane	1	ND		333.
193-39-5	Indeno(1,2,3-cd)pyrene	1	ND		333.
78-59-1	Isophorone	1	ND		333.
91-57-6	2-Methylnaphthalene	1	ND		333.
95-48-7	2-Methylphenol (o-Cresol)	1	ND		333.
91-20-3	Naphthalene	1	ND		333.
88-74-4	2-Nitroaniline	1	ND		333.
99-09-2	3-Nitroaniline	1	ND		333.
100-01-6	4-Nitroaniline	1	ND		333.
98-95-3	Nitrobenzene	1	ND		333.
88-75-5	2-Nitrophenol	1	ND		333.
100-02-7	4-Nitrophenol	1	ND		333.
62-75-9	N-Nitrosodimethylamine	1	ND		333.
621-64-7	N-Nitroso-di-n-propylamine	1	ND		333.
86-30-6	N-Nitrosodiphenylamine	1	ND	A10	333.
108-60-1	2,2'-Oxybis(1-chloropropane)	1	ND		333.
87-86-5	Pentachlorophenol	1	ND		333.
85-01-8	Phenanthrene	1	ND		333.
108-95-2	Phenol	1	ND		333.

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Report of Method Blank

Pace Analytical Services, Inc.
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Phone: 504.469.0333
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LELAP # 02006

Lab ID: 20488506

Description: 8270 SVOAs Low Soil **Project No.:** 2064973

Method: EPA 8270 **Batch:** 79654 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 16-Dec-06 **Analyzed:** 12/18/06 10:40 JAM (1)

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
129-00-0	Pyrene	1	ND		333.
110-86-1	Pyridine	1	ND		333.
95-94-3	1,2,4,5-Tetrachlorobenzene	1	ND		333.
58-90-2	2,3,4,6-Tetrachlorophenol	1	ND		333.
95-95-4	2,4,5-Trichlorophenol	1	ND		333.
88-06-2	2,4,6-Trichlorophenol	1	ND		333.

78 compound(s) reported

12/27/2006 15:17:17

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RL denotes sample Reporting Limit.
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St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20490292

Description: 8260 VOAs Full List Low, BLK **Project No.:** 2064973

Method: EPA 8260 **Batch:** 79997 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 14-Dec-06 **Analyzed:** 12/14/06 10:12 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
67-64-1	Acetone	1	13.2	A11	10.0
107-02-8	Acrolein	1	ND		20.0
107-13-1	Acrylonitrile	1	ND		20.0
71-43-2	Benzene	1	ND		5.00
108-86-1	Bromobenzene	1	ND		5.00
75-27-4	Bromodichloromethane	1	ND		5.00
75-25-2	Bromoform	1	ND		5.00
74-83-9	Bromomethane	1	ND		5.00
78-93-3	2-Butanone (MEK)	1	ND	A11	10.0
104-51-8	n-Butylbenzene	1	ND		5.00
135-98-8	sec-Butylbenzene	1	ND		5.00
98-06-6	tert-Butylbenzene	1	ND		5.00
75-15-0	Carbon disulfide	1	ND		5.00
56-23-5	Carbon tetrachloride	1	ND		5.00
108-90-7	Chlorobenzene	1	ND		5.00
75-00-3	Chloroethane	1	ND		5.00
110-75-8	2-Chloroethylvinyl ether	1	ND		20.0
67-66-3	Chloroform	1	ND		5.00
74-87-3	Chloromethane	1	ND		5.00
95-49-8	2-Chlorotoluene	1	ND		5.00
106-43-4	4-Chlorotoluene	1	ND		5.00
96-12-8	1,2-Dibromo-3-chloropropane	1	ND		5.00
124-48-1	Dibromochloromethane	1	ND		5.00
106-93-4	1,2-Dibromoethane (EDB)	1	ND		5.00
74-95-3	Dibromomethane	1	ND		5.00
95-50-1	1,2-Dichlorobenzene	1	ND		5.00
541-73-1	1,3-Dichlorobenzene	1	ND		5.00
106-46-7	1,4-Dichlorobenzene	1	ND		5.00
110-57-6	trans-1,4-Dichloro-2-butene	1	ND		5.00
75-71-8	Dichlorodifluoromethane	1	ND		5.00
75-34-3	1,1-Dichloroethane	1	ND		5.00
107-06-2	1,2-Dichloroethane	1	ND		5.00
540-59-0	1,2-Dichloroethene (Total)	1	ND		10.0
75-35-4	1,1-Dichloroethene	1	ND		5.00
156-59-2	cis-1,2-Dichloroethene	1	ND		5.00
156-60-5	trans-1,2-Dichloroethene	1	ND		5.00

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ND denotes Not Detected at or above the reporting limit.
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Kansas Dept. of Health Environment - E-10266
U.S. Dept. of Agriculture Foreign Soil Permit - S-47270

Report of Method Blank

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20490292

Description: 8260 VOAs Full List Low, BLK **Project No.:** 2064973

Method: EPA 8260 **Batch:** 79997 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 14-Dec-06 **Analyzed:** 12/14/06 10:12 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
78-87-5	1,2-Dichloropropane	1	ND		5.00
142-28-9	1,3-Dichloropropane	1	ND		5.00
594-20-7	2,2-Dichloropropane	1	ND		5.00
563-58-6	1,1-Dichloropropene	1	ND		5.00
10061-01-5	cis-1,3-Dichloropropene	1	ND		5.00
10061-02-6	trans-1,3-Dichloropropene	1	ND		5.00
100-41-4	Ethylbenzene	1	ND		5.00
87-68-3	Hexachloro-1,3-butadiene	1	ND		5.00
591-78-6	2-Hexanone	1	ND		10.0
74-88-4	Iodomethane	1	ND		5.00
98-82-8	Isopropylbenzene (Cumene)	1	ND		5.00
99-87-6	p-Isopropyltoluene	1	ND		5.00
79-20-9	Methyl acetate	1	ND		10.0
108-87-2	Methylcyclohexane	1	ND		10.0
75-09-2	Methylene chloride	1	2.09 J	A11	5.00
108-10-1	4-Methyl-2-pentanone (MIBK)	1	ND		10.0
1634-04-4	Methyl-tert-butyl ether	1	ND		5.00
103-65-1	n-Propylbenzene	1	ND		5.00
100-42-5	Styrene	1	ND		5.00
630-20-6	1,1,1,2-Tetrachloroethane	1	ND		5.00
79-34-5	1,1,2,2-Tetrachloroethane	1	ND		5.00
127-18-4	Tetrachloroethene	1	ND		5.00
108-88-3	Toluene	1	ND		5.00
120-82-1	1,2,4-Trichlorobenzene	1	ND		5.00
71-55-6	1,1,1-Trichloroethane	1	ND		5.00
79-00-5	1,1,2-Trichloroethane	1	ND		5.00
79-01-6	Trichloroethene	1	ND		5.00
75-69-4	Trichlorofluoromethane	1	ND		5.00
96-18-4	1,2,3-Trichloropropane	1	ND		5.00
76-13-1	1,1,2-Trichlorotrifluoroethane	1	ND		5.00
95-63-6	1,2,4-Trimethylbenzene	1	ND		5.00
108-67-8	1,3,5-Trimethylbenzene	1	ND		5.00
108-05-4	Vinyl acetate	1	ND		10.0
75-01-4	Vinyl chloride	1	ND		5.00
	m&p-Xylene	1	ND		5.00
95-47-6	o-Xylene	1	ND		5.00

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Pace Analytical Services, Inc.
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Phone: 504.469.0333
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LELAP # 02006

Lab ID: 20490292

Description: 8260 VOAs Full List Low, BLK **Project No.:** 2064973

Method: EPA 8260 **Batch:** 79997 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 14-Dec-06 **Analyzed:** 12/14/06 10:12 RMP (1)

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit

72 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
DF denotes Dilution Factor.
RL denotes sample Reporting Limit.
Qu lists qualifiers. Specific qualifiers are defined at the end of the report.
Analysis performed in (1) New Orleans, (2) Baton Rouge, (3) Bossier City, (4) Houston, or (0) subcontract or field.

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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Method: EPA 8081 **Project:** 2064973 **LCS:** 20491066 12/21/2006 6:21:00 PM

Batch: 79329 **MS:** 20486889 12/7/2006 11:32:00 AM

Units: ug/kg **Original for MS:** 20486028 Batch Sample

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	QC Limits LCS	QC Limits MS/MSD	Max RPD	Qu
Aldrin	17	86			17	70	69	1	37 - 146	10 - 162	20	
alpha-BHC	17	92			17	76	70	8	21 - 146	10 - 149	20	
beta-BHC	17	87			17	79	82	5	33 - 158	10 - 174	20	
delta-BHC	17	96			17	97	116	18	37 - 160	10 - 176	20	
gamma-BHC (Lindane)	17	91			17	116	111	5	31 - 147	10 - 154	20	
alpha-Chlordane	17	86			17	126	121	3	46 - 135	10 - 173	20	
gamma-Chlordane	17	88			17	120	114	3	47 - 135	10 - 164	20	
4,4'-DDD	17	82			17	90	89	2	34 - 154	10 - 174	20	
4,4'-DDE	17	83			17	85	79	8	43 - 142	10 - 168	20	
4,4'-DDT	17	91			17	222 *	219 *	1	36 - 149	10 - 164	20	Q1
Dieldrin	17	85			17	70	63	7	39 - 140	10 - 163	20	
Endosulfan I	17	69			17	158 *	105	41 *	26 - 131	10 - 135	20	Q1
Endosulfan II	17	75			17	141	138	2	30 - 138	10 - 155	20	
Endosulfan sulfate	17	91			17	95	92	3	38 - 152	10 - 180	20	
Endrin	17	100			17	107	103	4	40 - 170	10 - 181	20	
Endrin aldehyde	17	93			17	73	72	2	21 - 160	10 - 183	20	
Endrin ketone	17	85			17	82	77	6	30 - 152	10 - 184	20	
Heptachlor	17	89			17	76	75	2	38 - 140	10 - 151	20	
Heptachlor epoxide	17	85			17	86	84	1	42 - 137	10 - 152	20	
Methoxychlor	17	91			17	233 *	211 *	10	17 - 178	10 - 207	20	Q1

20 compound(s) reported

*** denotes recovery outside of QC limits.**
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Report of Quality Control

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Method: EPA 8082 **Project:** 2064973 **LCS:** 20491122 12/26/2006 2:26:00 PM

Batch: 79737 **MS:** 20488987 12/8/2006 7:16:00 PM

Units: ug/kg **Original for MS:** 20486835 Batch Sample

Parameter Name	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS RPD	QC Limits LCS	QC Limits MS/MSD	Max RPD	Qu
PCB-1016 (Aroclor 1016)	333	79			333	74	72	3	46 - 129	10 - 144	20	
PCB-1260 (Aroclor 1260)	333	79			333	76	52	38 *	46 - 137	12 - 148	20	

2 compound(s) reported

*** denotes recovery outside of QC limits.**
MS spike concentrations are not corrected for moisture content of the spiked sample.
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Report of Batch Surrogate Recovery

Pace Analytical Services, Inc.
1000 Riverbend Blvd. Suite F
St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Report: 2064973 **Batch: 79329**

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20486887	BLANK	103	102	118	111				
20486888	LCS	117	117	115	98				
20486889	MS	146	148	111	94				
20486890	MSD	146	133	106	93				
20487271	BLANK	103	102	120	113				
20487272	LCS	77	78	85	77				
20489229	Sample G1	141	336 *	46	46				
20489230	Sample	106	144	0 *	110				
20491065	BLANK	91	95	80	74				
20491066	LCS	87	93	77	76				
QC limits:		15-172	15-172	10-151	10-151				

Sur 1: Decachlorobiphenyl (Conf)(S)
Sur 2: Decachlorobiphenyl (S)
Sur 3: Tetrachloro-m-xylene (Conf)(S)
Sur 4: Tetrachloro-m-xylene (S)

*** denotes surrogate recovery outside of QC limits.**
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

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Report of Batch Surrogate Recovery

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St. Rose , LA 70087

Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Report: 2064973 **Batch: 79737**

Lab ID	Type and Qualifiers	Sur 1 %Rec	Sur 2 %Rec	Sur 3 %Rec	Sur 4 %Rec	Sur 5 %Rec	Sur 6 %Rec	Sur 7 %Rec	Sur 8 %Rec
20488985	BLANK	82	90	69	82				
20488986	LCS	91	93	70	74				
20488987	MS G1,Q	400 *	60	86	69				
20488988	MSD G1,Q	233 *	41	38	43				
20489229	Sample	50	53	82	50				
20489230	Sample G1	60	72	0 *	60				
20489390	BLANK	105	119	73	115				
20489406	LCS	118	120	68	101				
20491059	BLANK	83	84	62	72				
20491060	LCS	128	129	75	104				
20491121	BLANK	100	90	80	81				
20491122	LCS	91	83	76	71				
QC limits:		30-150	15-172	30-150	10-151				

Sur 1: Decachlorobiphenyl (Conf)(S)
Sur 2: Decachlorobiphenyl (S)
Sur 3: Tetrachloro-m-xylene (Conf)(S)
Sur 4: Tetrachloro-m-xylene (S)

*** denotes surrogate recovery outside of QC limits.**
D denotes surrogate recovery is outside of QC limits due to sample dilution, and is not considered an excursion.
A Lab ID consisting of a batch number with a B suffix is a method blank.
A Lab ID consisting of a batch number with a S suffix is an LCS.
A Lab ID with a MS suffix is a matrix spike.
A Lab ID with a MSD suffix is a matrix spike duplicate.

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Report of Method Blank

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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20491065

Description: 8081 Pests Low Soil **Project No.:** 2064973

Method: EPA 8081 **Batch:** 79329 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 19-Dec-06 **Analyzed:** 12/21/06 18:05 SLF (1)

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
309-00-2	Aldrin	1	ND		1.70
319-84-6	alpha-BHC	1	ND		1.70
319-85-7	beta-BHC	1	ND		1.70
319-86-8	delta-BHC	1	ND		1.70
58-89-9	gamma-BHC (Lindane)	1	ND		1.70
5103-71-9	alpha-Chlordane	1	ND		1.70
5103-74-2	gamma-Chlordane	1	ND		1.70
72-54-8	4,4'-DDD	1	ND		3.33
72-55-9	4,4'-DDE	1	ND		3.33
50-29-3	4,4'-DDT	1	ND		3.33
60-57-1	Dieldrin	1	ND		3.33
959-98-8	Endosulfan I	1	ND		1.70
33213-65-9	Endosulfan II	1	ND		3.33
1031-07-8	Endosulfan sulfate	1	ND		3.33
72-20-8	Endrin	1	ND		3.33
7421-93-4	Endrin aldehyde	1	ND		3.33
53494-70-5	Endrin ketone	1	ND		3.33
76-44-8	Heptachlor	1	ND		1.70
1024-57-3	Heptachlor epoxide	1	ND		1.70
72-43-5	Methoxychlor	1	ND		16.7
8001-35-2	Toxaphene	1	ND		66.7

21 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
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Report of Method Blank

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Phone: 504.469.0333
Fax: 504.469.0555
LELAP # 02006

Lab ID: 20491121

Description: 8082 PCBs Low Soil **Project No.:** 2064973

Method: EPA 8082 **Batch:** 79737 **Units:** ug/kg

Prep Factor: 1 **Leached:** **Prepared:** 19-Dec-06 **Analyzed:** 12/26/06 14:11 SLF (1)

CAS Number	Parameter	Dilution	Result	Qu	Reporting Limit
12674-11-2	PCB-1016 (Aroclor 1016)	1	ND		33.3
11104-28-2	PCB-1221 (Aroclor 1221)	1	ND		33.3
11141-16-5	PCB-1232 (Aroclor 1232)	1	ND		33.3
53469-21-9	PCB-1242 (Aroclor 1242)	1	ND		33.3
12672-29-6	PCB-1248 (Aroclor 1248)	1	ND		33.3
11097-69-1	PCB-1254 (Aroclor 1254)	1	ND		33.3
11096-82-5	PCB-1260 (Aroclor 1260)	1	ND		33.3

7 compound(s) reported

ND denotes Not Detected at or above the reporting limit.
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Report of Quality Control

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Phone: 504.469.0333
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LELAP # 02006

Project: 2064973

Parameter	Batch	Blank	ARL	Units	LCS Spike	LCS %Rec	LCSD %Rec	LCS RPD	MS Spike	MS %Rec	MSD %Rec	(1)MS DUP RPD	QC Limits LCS	QC Limits MS/MSD	RPD Max	Qu
Aluminum	79791	ND	20.0	mg/kg	1000	101			602	593 *	608 *	13	46 - 132	13 - 225	20	Q3
Antimony	79791	ND	6.00	mg/kg	100	107			60	38	45	47 *	10 - 194	10 - 142	20	
Arsenic	79791	ND	1.00	mg/kg	100	99			60	94	92	28 *	71 - 131	46 - 137	20	
Barium	79791	ND	20.0	mg/kg	100	104			60	98	115	18	68 - 131	33 - 156	20	
Beryllium	79791	ND	0.500	mg/kg	100	104			60	96	97	31 *	71 - 127	48 - 140	20	
Boron	79791	ND	5.00	mg/kg	100	96			60	76	84	38 *	56 - 116	33 - 140	20	
Cadmium	79791	ND	0.500	mg/kg	100	98			60	92	94	33 *	69 - 128	31 - 154	20	
Cobalt	79791	ND	1.00	mg/kg	100	100			60	93	96	30 *	73 - 122	45 - 139	20	
Copper	79791	ND	1.00	mg/kg	100	98			60	103	105	29 *	73 - 131	30 - 170	20	
Iron	79791	ND	10.0	mg/kg	1000	105			602	80	197 *	11	37 - 147	10 - 180	20	Q3
Lead	79791	ND	0.500	mg/kg	100	103			60	93	94	27 *	68 - 133	31 - 156	20	
Lithium	79791	ND	5.00	mg/kg	100	100			60	102	100	26 *	62 - 129	49 - 131	20	
Manganese	79791	ND	1.50	mg/kg	100	102			60	0 *	0 *	8	69 - 127	10 - 201	20	
Nickel	79791	ND	4.00	mg/kg	100	102			60	95	97	26 *	71 - 125	39 - 146	20	
Selenium	79791	ND	3.50	mg/kg	100	90			60	83	83	30 *	66 - 126	41 - 129	20	
Silver	79791	ND	1.00	mg/kg	50	98			30	97	100	34 *	25 - 163	10 - 154	20	
Thallium	79791	ND	1.00	mg/kg	100	99			60	84	87	34 *	68 - 130	39 - 137	20	
Titanium	79791	ND	1.00	mg/kg	100	107			60	111	147	26 *	45 - 129	11 - 207	20	
Zinc	79791	ND	2.00	mg/kg	100	100			60	88	95	23 *	64 - 129	19 - 169	20	
Mercury	79792	ND	0.0200	mg/kg	0.1	105			0.1	111	106	1	80 - 120	75 - 125	20	

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ARL denotes Adjusted Reporting Limit , corrected for sample size, dilution and moisture content as applicable.
*** denotes recovery outside of QC limits.**
(1) MS RPD is calculated via SW-846 rules: on the basis of spiked sample concentrations rather than spike recoveries.

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Report Qualifiers

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Project: 2064973

ALL Qualifiers

Qualifier	Qualifier Description
N	See narrative for a detailed explanation.

Analyte Qualifiers

Qualifier	Qualifier Description
A10	N-Nitrosodiphenylamine is reported as diphenylamine.
A11	This analyte is a common solvent. Its presence in field samples may be an artifact of sample collection, transport, laboratory storage or analysis.
B	This analyte was detected in the method blank.
G1	Interferences are present which caused poor surrogate recovery.
J	This estimated value for the analyte is below the adjusted reporting limit but above the instrument reporting limit.

QC Qualifiers

Qualifier	Qualifier Description
Q1	The matrix spike recoveries are poor. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample recovery.
Q3	The matrix spike recoveries are poor due to the presence of this analyte in the sample at a concentration greater than 4 times the spiked amount. Acceptable method performance for this analyte has been demonstrated by the laboratory control sample.